
Lab Dept: Serology

Test Name: CTL FUNCTION

General Information

Lab Order Codes: CTLY

Synonyms: Cytotoxic T Lymphocyte Function

CPT Codes: 86352 - Cellular function assay involving stimulation and detection of biomarker

Test Includes: Interpretive report on CTL Function

Logistics

Test Indications: Aid in confirming recurrent viral infection and severe immune deficiency.

Lab Testing Sections: Serology – Sendouts

Referred to: Cincinnati Children's Hospital Medical Center

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: **Restricted Draw Times:** To avoid specimen rejection due to limited specimen stability of CTL function testing, collect sample in the afternoon Sunday – Thursday.

Turnaround Time: 14 days, test set up Monday – Friday.

Special Instructions: Obtain special Green top (Na Heparin) tube from the laboratory prior to collection. Specimen must be processed at the reference laboratory within 24 hours of collection.

Specimen

Specimen Type: Whole blood

Container: Green top (Na Heparin) tube

Draw Volume: 10 mL (Minimum: 5 mL) blood

Processed Volume: Same as Draw Volume

Collection:	Routine venipuncture
Special Processing:	Lab Staff: Do Not centrifuge, maintain specimen at room temperature in original collection container. Ship by overnight courier to arrive within 24 hours of draw time. Do Not refrigerate or freeze. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Specimen older than 24 hours, frozen or refrigerated specimen, specimen collected in the wrong tube, mislabeled or unlabeled specimens

Interpretive

Reference Range:	≥6.2 LU, Interpretive report
Critical Values:	N/A
Limitations:	N/A
Methodology:	Chromium Release Assay
References:	Cincinnati Children's Hospital Medical Web Page www.cincinnatichildrens.org August 2015